

Sub B1/ 1. (Amended) An interactive replay [A file] system for organizing recorded items of program content, the system having access to an electronic program guide that stores electronic program guide attribute information for items of program content, comprising:

a memory having a data structure for storing the location of a recorded item of program content in association with at least one electronic program guide attribute selected from the group consisting of program title information, program category, broadcasting network, date of broadcast, time of broadcast, actors and director;

[an interface for receiving electronic program guide attribute information about a specific recorded item of program content to be stored;]

a file write mechanism that automatically accesses the electronic program guide attribute information about [said] the recorded item of program content to be stored in said data structure;

a speech recognizer that receive a spoken request for the recorded item of program content and generates an input sentence corresponding to the spoken request, where the spoken request includes at least one electronic program guide attribute associated with the recorded item of program content;

a natural language parser that receives the input sentence from the speech recognizer and identifies the at least one electronic program guide attribute from the input sentence; and

a file read mechanism that ascertains the storage location of the [a] recorded item of program content based on said at least one electronic program guide attribute [accessed from said data structure].

2. (Amended) The interactive replay [file] system of claim 1 further comprising a [natural language] dialog system that interacts with a user to ascertain additional electronic program guide attributes for the recorded item of program content [said file read mechanism for supplying electronic program guide attribute inquiries to said read mechanism based on spoken requests of a user].

3. (Amended) The interactive replay [file] system of claim 1 wherein said data structure further includes at least one user data attribute in association with said location of a recorded item of program content.

4. (Amended) The interactive replay [file] system of claim 3 wherein said user data attribute stores a record of when the item of program content was viewed by a user.

5. (Amended) The interactive replay [file] system of claim 3 wherein said user data attribute stores at least one user-defined index that identifies a user-defined location within a recorded item.

a!  
cont.

6. (Amended) The interactive replay [file] system of claim 3 further comprising storage system maintenance system that selectively erases previously recorded items of program content based at least in part upon said user data attribute.

7. (Amended) The interactive replay [file] system of claim 1 wherein said file write mechanism further [interface for receiving electronic program guide information] comprises an internet access system capable of accessing at least one internet-based provider of electronic program guide information.

8. (Amended) The interactive replay [file] system of claim 1 wherein said file write mechanism further [interface for receiving electronic program guide information] comprises a tuner for retrieving electronic program guide information from a supplier of program content.

13. (New) An interactive replay system for accessing recorded items of program content, comprising:

an electronic program guide for storing electronic program guide information for items of program content;

a memory having a data structure for storing at least one recorded item of program content in association with corresponding electronic program guide information;

a file write mechanism that accesses the electronic program guide and storing electronic program guide information for the at least one recorded item of program content in the data structure of the memory;

a speech recognizer that receives a spoken request for a specific recorded item of program content and generates an input sentence corresponding to the spoken request, where the spoken request includes electronic program guide information associated with the specific recorded item of program content;

a natural language parser that receives the input sentence from the speech recognizer and identifies the electronic program guide information embodied in the input sentence; and

a file read mechanism that retrieves the specific recorded item of program content based on the electronic program guide information received from the natural language parser.

14. (New) The interactive replay system of Claim 13 wherein the electronic program guide information is further defined as an electronic program guide attribute selected from the group consisting of program title information, program category, broadcasting network, date of broadcast, time of broadcast, actors and director.

a<sup>2</sup>  
cont.

15. (New) The interactive replay system of Claim 13 wherein said data structure further includes at least one user data attribute in association with said location of a recorded item of program content.

16. (New) The interactive replay system of Claim 15 wherein said user data attribute stores a record of when the item of program content was viewed by a user.

17. (New) The interactive replay system of Claim 15 wherein said user data attribute stores at least one user-defined index that identifies a user-defined location within a recorded item.

18. (New) The interactive replay system of Claim 15 further comprising a storage maintenance system that selectively erases previously recorded items of program content based at least in part upon said user data attribute.

19. (New) The interactive replay system of Claim 13 further comprising a dialog system that interacts with a user to ascertain additional electronic program guide information for the recorded item of program content.

20. (New) The interactive replay system of Claim 19 wherein the dialog system provides the electronic program guide information to the file read mechanism based on spoken requests from the user.

az  
cancel